

***IN THE CLAIMS***

Claim 1 (Original): A biosensor comprising:

a support substrate,

an electrically conductive coating positioned on the support substrate, the coating being formed to define electrodes and a code pattern, wherein there is sufficient contrast between the conductive coating and the substrate such that the code pattern is discernible, and

at least one reagent positioned on at least one electrode.

Claim 2 (Original): The biosensor of claim 1 wherein the code pattern is a bar code.

Claim 3 (Original): The biosensor of claim 1 wherein the conductive coating is gold.

Claim 4 (Original): The biosensor of claim 1 wherein the code pattern is optically discernible.

Claim 5 (Original): The biosensor of claim 1 further comprising a second electrically conductive coating positioned on the code pattern.

Claim 6 (Original): The biosensor of claim 1 wherein the code pattern is electrically discernible.

Claim 7 (Original): The biosensor of claim 1 wherein the code pattern includes recesses formed in the conductive coating.

Claim 8 (Original): The biosensor of claim 1 wherein the support substrate includes opposite first and second ends and the code pattern is positioned adjacent to the second end.

Claim 9 (Original): The biosensor of claim 1 further comprising a cover substrate extending across at least a portion of the electrodes.

Claim 10 (Original): The biosensor of claim 1 wherein code pattern includes pads that are spaced-apart from the surrounding electrically conductive coating.

Claim 11 (Original): The biosensor of claim 10 wherein the pads are isolated from one another.

Claim 12 (Original): The biosensor of claim 10 wherein the pads are interconnected.

Claim 13 (Original): A biosensor comprising:  
a support substrate,

an electrically conductive coating positioned on the support substrate, the coating being formed to define electrodes and a code pattern, wherein there is sufficient contrast between the conductive coating and the substrate such that the code pattern is discernible, and

a cover cooperating with the support substrate to define a channel and at least a portion of the electrodes are positioned in the channel.

Claim 14 (Original): The biosensor of claim 13 wherein the code pattern is optically discernible.

Claim 15 (Original): The biosensor of claim 13 further comprising a second electrically conductive coating positioned on the code pattern.

Claim 16 (Original): The biosensor of claim 13 wherein the code pattern is electrically discernible.

Claim 17 (Original): The biosensor of claim 13 wherein the support substrate includes opposite first and second ends and the code pattern is positioned adjacent to the second end.

Claim 18 (Original): The biosensor of claim 17 wherein the electrodes cooperate to define an array positioned adjacent to the first end.

Claim 19 (Original): The biosensor of claim 18 wherein the channel extends from the first end to the array.

Claim 20 (Original): The biosensor of claim 13 wherein the code pattern is a bar code.

Claim 21 (Original): The biosensor of claim 20 wherein the conductive coating is gold.

Claim 22 (Original): The biosensor of claim 13 wherein code pattern includes pads that are spaced-apart from the surrounding electrically conductive coating.

Claim 23 (Original): The biosensor of claim 22 wherein the pads are isolated from one another.

Claim 24 (Original): The biosensor of claim 22 wherein the pads are interconnected.

Claims 25-29 (Cancelled).

Claim 30 (Original): A biosensor comprising:  
a support substrate,

an electrically conductive coating positioned on the support substrate, the coating being formed to define electrodes and means for identifying the biosensor, wherein there is sufficient contrast between the conductive coating and the substrate such that the identifying means is discernible.

Claim 31 (Original): The biosensor of claim 30 further comprising a cover that cooperates with the support substrate to define a channel and at least a portion of the electrodes are positioned in the channel.

Claim 32 (Original): The biosensor of claim 30 wherein the identifying means is a bar code.